

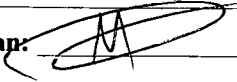
Work Order ID 133322

Wednesday, June 03, 2015 10:16:11 AM

133322

Page 1

Item ID: D350-822-011 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: U/R Stop ***NS2***
 Item Name: PA100 PUREair System for AS350/EC130
 Start Date: 6/03/15 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 6/05/15 Req'd Qty: 1.00 ***1*** Customer:
 Reference: REWORK-DEASSEMBLE KIT

Approvals: Process Plan:  Date: 15.6.3 Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D350-822	C								

110 Pick Kit 0.00

110

Packaging

Packaging

Memo

PULL FROM STOCK
D350-822-011 X1
B: 121728

DISASSEMBLE KIT AND PUT ALL COMPONENTS BACK TO STOCK
USING ORIGINAL BATCH NUMBER

0.00

DA
6
9-89

JUN 17 2015

140 QC21- Final Inspection - Work Order Release 0.00

140

QC

Quality Control

Memo

0.00

u 15.06.13

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

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Page 1

Work Order ID: 133322

133322

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 6/03/15

Required Date: 6/05/15

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 14.02.20 NEW ISSUE DD VERF:JLM IPP
REV:B 14.06.18 AS PER IIN REV.C DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
23350CA050 *23350CA050* WASHER		Purchased	No				Each	96.0000		-2			DAS 6 9-89 /
				<u>Location</u>				<u>Loc Qty</u>					
				ST568	m129609			96		2			
650.0401 *650 0401* PUREair Fairing Assembly		Purchased	No				Each	0.0000		-1			DAS 6 9-89 /
8411999090 *8411999090* Gasket		Purchased	No	NA			Each	0.0000		-1		130067	DAS 6 9-89 /
9752018044 *9752018044* Gasket (for B3 models)		Purchased	No				Each	14.0000		-1			DAS 6 9-89 /
				<u>Location</u>				<u>Loc Qty</u>					
				ST564	m129550			14		1			
9945000120 *9945000120* Gasket (for B3e models)		Purchased	No				Each	14.0000		-1			DAS 6 9-89 /
				<u>Location</u>				<u>Loc Qty</u>					
				ST564	m129550			14		1			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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133322

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D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 6/03/15

Required Date: 6/05/15

Start Qty: 1.00

Required Qty: 1.00

AN3-24A

Purchased No

Each 68.0000 -1

AN3-24A

Bolt

DAS

6

9-89

Location

Loc Qty

Loc Code

ST348

68

m128356

18

m129591

50

AN3-3A

Purchased No

Each 616.0000 -24

AN3-3A

Bolt

DAS

6

9-89

Location

Loc Qty

Loc Code

ST338a

310

m131305

114

m131624

196

ST350

306

m129591

6

m132317

300

AN821-12J

Purchased No

Each 22.0000 -1

AN821-12J

Elbow (or AN821-12K or 12S)

DAS

6

9-89

Location

Loc Qty

Loc Code

CCK003

15

m129769

15

ST324

7

280

3

m129566

4

DQA: _____ Date: _____



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OTHER : _____																																																																				

Picklist Print

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Page 3

Work Order ID: 133322

133322

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 6/03/15

Required Date: 6/05/15

Start Qty: 1.00

Required Qty: 1.00

AN929-12J

Purchased No

Each 20.0000

-1

DAS
6
9-89

AN929-12J

Cap

**

Location

Loc Qty

Loc Code

CCK003

15

m129764

15

ST322

5

m129591

5

BS4320-A5

Purchased No

Each 714.0000

-5

BS4320-A5

Washer

**

Location

Loc Qty

Loc Code

MEZZ2

714

M129631

357

M129914

357

D350-822-011

Manufactured No

Each 3.0000

D350-822-011

PA100 PUREair System for AS350/EC130

**

Location

Loc Qty

Loc Code

Customer evaluation

3

121721

1

121722

1

121723

1

D4925-041

Manufactured No

Each 15.0000

-1

D4925-041

Mounting Plate Assembly

**

Location

Loc Qty

Loc Code

cck016

15

121242

12

121994

3

DAS
6
9-89

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Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER :					

Picklist Print

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Page 4

Work Order ID: 133322

133322

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 6/03/15

Required Date: 6/05/15

Start Qty: 1.00

Required Qty: 1.00

D4931-1 Manufactured No

Each 10.0000 -1

D4931-1

Engine Fitting (for acft models B2 & previous)

DAS
6
9-89

Location

Loc Qty

Loc Code

ST139

10

120906

6

121325

4

D4931-3 Manufactured No

Each 20.0000 -1

D4931-3

Engine Fitting (for B3 models)

DAS
6
9-89

Location

Loc Qty

Loc Code

ST139

20

120907

16

121326

4

D4931-5 Manufactured No

Each 23.0000 -1

D4931-5

Engine Fitting (for B3e models)

DAS
6
9-89

Location

Loc Qty

Loc Code

ST139

23

120908

18

121327

5

D4935-1 Manufactured No

Each 30.0000 -6

D4935-1

Mounting Bracket

DAS
6
9-89

Location

Loc Qty

Loc Code

ST139

30

120909

30

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval																	
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Picklist Print

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Page 5

Work Order ID: 133322

133322

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 6/03/15

Required Date: 6/05/15

Start Qty: 1.00

Required Qty: 1.00

D4943-1

Manufactured No

Each 40.0000

-1

DAS
6
9-89

D4943-1

Flex Hose

**

119749

Location

Loc Qty

Loc Code

ST220a

24

119750

6

119753

7

119754

8

119755

3

st220b

16

119751

8

119752

8

D4961-041

Manufactured No

Each 10.0000

-1

DAS
6
9-89

D4961-041

Tube Assembly

**

Location

Loc Qty

Loc Code

prelim

4

129599

4

ST140

6

120910

6

D5079-1

Purchased No

Each 18.0000

-2

DAS
6
9-89

D5079-1

Placard, EAPS

**

Location

Loc Qty

Loc Code

ST145

18

121243

8

130339

10

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																												
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OTHER : _____																																																																																																

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Work Order ID: 133322

133322

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 6/03/15

Required Date: 6/05/15

Start Qty: 1.00

Required Qty: 1.00

D5090-041

Manufactured No

Each 6.0000

-1

D5090-041

Duct Assembly

**

121247

DAS
6
9-89

Location

Loc Qty

Loc Code

ST218

6

132723

6

D5105-1

Manufactured No

Each 24.0000

-2

D5105-1

Handle

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST147

24

121244

24

D5110-1

Manufactured No

Each 10.0000

-1

D5110-1

Swivel Nut Fitting

**

121245

DAS
6
9-89

Location

Loc Qty

Loc Code

ST148

10

121874

10

LN9038-05014

Purchased No

Each 1,277.000

-51

I N9038-05014

BOLT

**

129914

DAS
6
9-89

Location

Loc Qty

Loc Code

ST273A

800

m129591

800

ST553

477

m128342

300

m129836

177

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐				
Date : _____	Step #: _____	QTY Effective : _____			MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
		OTHER : _____				

Picklist Print

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Work Order ID: 133322

133322

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 6/03/15

Required Date: 6/05/15

Start Qty: 1.00

Required Qty: 1.00

MS20470AD3-4

Purchased

No

Each

2,180.000

-18

DAS

MS20470AD3-4

6

Rivet, Universal Head

9-89

Location

Loc Qty

Loc Code

GA

935

111477

935

ST311

1245

111477

1245

MS20600-AD4W4

Purchased

No

Each

1,050.000

-6

DAS

MS20600-AD4W4

6

Rivets

9-89

Location

Loc Qty

Loc Code

ST308

996

M132256

996

WA003

54

M131624

54

MS21042L3

Purchased

No

Each

2,250.000

-24

MS21042L3

Nut

Location

Loc Qty

Loc Code

FP001

420

M130922

420

GA

503

M131317

503

ST305

1327

116549

12

126333

49

M128754

2

M132123

264

M132382

1000

DAS

6

9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coor. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coor. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval																		
Description Work Order Deviation				Disposition			Completed By																		
							Lead hand / Supervisor Approval Verification																		
							QC / QA Coordinator Approval																		
Root Cause		FAULT CATEGORY																							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong																				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions																				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance																				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect																				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing																				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved																				
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LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread																				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence																				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____																							
Misidentified ☐	☐ Past Due																								

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Work Order ID: 133322

133322

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 6/03/15

Required Date: 6/05/15

Start Qty: 1.00

Required Qty: 1.00

MS21919WCH12

Purchased

No

Each

14.0000

-1

MS21919WCH12

Clamp

DAS
6
9-89

Location

Loc Qty

Loc Code

ST295

14

m130358

14

Each

452.0000

-18

MS35207-279

Purchased

No

MS35207-279

Screw

DAS
6
9-89

Location

Loc Qty

Loc Code

ST273A

300

m129582

300

ST275

152

m128356

52

m129519

100

MS35207-280

Purchased

No

MS35207-280

Screw

DAS
6
9-89

Location

Loc Qty

Loc Code

ST276

128

m128356

78

m129591

50

Each

2,607.000

-20

NAS1149C0432R

Purchased

No

NAS1149C0432R

WASHER

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

2050

m125807

476

m131467

1574

ST271

557

m131452

557

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Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐																			

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Work Order ID: 133322

133322

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 6/03/15

Required Date: 6/05/15

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0332J

Purchased

No

Each

1,811.000

-51

NAS1149D0332.J

Washer

DAS
6
9-89

Location

Loc Qty

Loc Code

CA

14

m129682

14

ST269

1017

m130325

879

m131624

138

ST270

780

m132189

780

NAS43DD3-131

Purchased

No

Each

33.0000

-1

NAS43DD3-131

Spacer

DAS
6
9-89

Location

Loc Qty

Loc Code

ST263

33

m129519

19

m129769

14

QB21304

Purchased

No

Each

14.0000

-1

QB21304

PUREair Panel Assembly

Location

Loc Qty

Loc Code

Mezz2

13

118409

13

ST

1

m122914

1

DAS
6
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
Root Cause				FAULT CATEGORY																					
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong															
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions															
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance															
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect															
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing															
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved															
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing															
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish															
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread															
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence															
Past Expiry Date ☐	☐	Manufacturing Process	☐	OTHER :																					
Misidentified ☐	☐	Past Due	☐																						

Picklist Print

Wednesday, June 03, 2015 10:16:19 AM

Page 10

Work Order ID: 133322

133322

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 6/03/15

Required Date: 6/05/15

Start Qty: 1.00

Required Qty: 1.00

QB21308 Purchased No

Each 14.0000 -1

QB21308

Fod Screen Assembly

DAS

6
9-89

Location

Loc Qty

Loc Code

MEZZ2

14

m129631

7

m129914

7

QB21310 Purchased No

Each 14.0000 -1

QB21310

Transition Duct Assembly

DAS

6
9-89

Location

Loc Qty

Loc Code

MEZZ2

14

m129631

7

m129914

7

QD3108-BJ-05-SC Purchased No

Each 74.0000 -5

QD3108-BJ-05-SC

Anchor nut

DAS

6
9-89

Location

Loc Qty

Loc Code

MEZZ2

70

M129631

35

M129914

35

ST558

4

M130937

4

QD3387B3-03 Purchased No

Each 140.0000 -10

QD3387B3-03

Rivet

DAS

6
9-89

Location

Loc Qty

Loc Code

MEZZ2

140

M129631

70

M129914

70

Wednesday, June 03, 2015 10:16:19 AM

Shop Packet Print

Page 10

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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OTHER :																																																																							

Work Order ID 121728

121728

Page 1

July-02-14 9:55:27 AM

Item ID: D350-822-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Start Qty: 1.00

1

Cust Item ID:

Required Date: 7/02/14

Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: MLJ

Date: 14-07-02

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D350-822	C

DAS
27
9-89

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D350-822-011 2013003

see attachment
CHG001

MAY 11 2015

DAS
6
9-89

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

DAS
27
9-89
MAR 03 2015

DAS
26
9-89

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

MAY 11 2015

DAS
6
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design ☐									
Doc/Data ☐									
Equip/Tooling ☐									
Handling/Pre ☐									
Material ☐									
Operator ☐									
Offset/Setup ☐									
Process ☐									
Supplier ☐									
Training ☐									
Transport ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 121728

121728

Page 2

July-02-14 9:55:27 AM

Item ID: D350-822-011

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 7/02/14 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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125

Consignment Stock

0.00

125

Outsourc10

Memo

0.00

Consignment stock

Issue PO to GL account 50000-25 to LEAVE W/O OPEN UNTIL SOLD

Pall for amount sold on sales order S/O 28422
according to sales price see Warran for amount.PO can be received immediately and given to finance in order to close work
order.

U 15-08.11

130

Packaging

0.00

130

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-822-011

Location: _____

Ship

MAY 11 2015

DAS

6

9-89

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MCS

MAY 11 2015

WME
15-5-17

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td style="width: 33%;"> Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ </td> <td style="width: 33%;"> Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ </td> <td style="width: 33%;"> Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ </td> <td style="width: 33%;"> Engineering ☐ Quality ☐ Other ☐ </td> </tr> </table>	Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐	Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐	Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐	Engineering ☐ Quality ☐ Other ☐
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

July-02-14 9:55:31 AM

Page 1

Work Order ID: 121728

121728

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Required Date: 7/02/14

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 14.02.20 NEW ISSUE DD VERF:JLM IPP
REV:B 14.06.18 AS PER IIN REV.C DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
QB21304 *QB21304* PUREair Panel Assembly DAS 6 9-89		Purchased	No				Each	13.0000	**	129914	DAS 27 9-89		DAS 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				MEZZ2			13						
				m129631			9						
				m129632			4						
QB21310 *QB21310* Transition Duct Assembly DAS 6 9-89		Purchased	No				Each	13.0000	**	129914	DAS 27 9-89		DAS 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				MEZZ2			13						
				m129631			9						
				m129632			4						
QB21308 *QB21308* Pod Screen Assembly DAS 6 9-89		Purchased	No				Each	13.0000	**	129914	DAS 27 9-89		DAS 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				MEZZ2			13						
				m129631			9						
				m129632			4						

MAY 06 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td style="width: 33%;"> Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ </td> <td style="width: 33%;"> Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ </td> <td style="width: 33%;"> Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ </td> <td style="width: 33%;"> Engineering ☐ Quality ☐ Other ☐ </td> </tr> </table>	Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐	Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐	Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐	Engineering ☐ Quality ☐ Other ☐
Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐	Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐	Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐	Engineering ☐ Quality ☐ Other ☐			

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Page 2

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Work Order ID: 121728

121728

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Required Date: 7/02/14.

Start Qty: 1.00

Required Qty: 1.00

BS4320-A5

Purchased

No

Each

714.0000

BS4320-A5

Washer

**

129914

DAS
27
9-89

DAS
26
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

MEZ002

714

M129631

510

M129632

204

LN9038-05-14

Purchased

No

Each

0.0000

LN9038-05-14

Bolt

DAS
6
9-89

Purchased

No

Each

70.0000

QD3108-BJ-05-SC

QD3108-BJ-05-SC

Anchor nut

**

129914

DAS
27
9-89

DAS
26
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

M129632

20

M129632

20

MEZ002

50

M129631

50

QD3387B3-03

Purchased

No

Each

140.0000

QD3387B3-03

Rivet

**

129914

DAS
27
9-89

DAS
26
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

M129632

40

M129632

40

MEZ002

100

M129631

100

MAY 06 2015

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Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Page 3

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Work Order ID: 121728

121728

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Required Date: 7/02/14

Start Qty: 1.00

Required Qty: 1.00

650.0401 Purchased No

Each 14.0000

**

650-0401
PUREair Fairing Assembly

DAS 27 26 9-89
MAR 03 2015

DAS 6 9-89

Location

Loc Qty

Loc Code

CA
m127899
ST
m129351
m129465
ST252A
m129173

1
1
8
3
5
5
5
Each 0.0000

B130067

D4925-041

Manufactured No

D4925-041

Mounting Plate Assembly

D4931-1

Manufactured No

D4931-1

Engine Fitting (for B2 models B2 & previous)

DAS 6 9-89

Each 8.0000

B120906

DAS 27 26 9-89
MAR 03 2015

DAS 27 26 9-89
MAR 03 2015

Location

Loc Qty

Loc Code

ST127
113897
st128
119857

2
2
6
6
Each 26.0000

B120906

D4931-3

Manufactured No

D4931-3

Engine Fitting (for B3 models)

DAS 6 9-89

**

DAS 27 26 9-89
MAR 03 2015

Location

Loc Qty

Loc Code

ST127
113898
119858
120907

26
1
5
20

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DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Crosstube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design ☐									
Doc/Data ☐									
Equip/Tooling ☐									
Handling/Pre ☐									
Material ☐									
Operator ☐									
Offset/Setup ☐									
Process ☐									
Supplier ☐									
Training ☐									
Transport ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

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Page 4

Work Order ID: 121728

121728

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Required Date: 7/02/14

Start Qty: 1.00

Required Qty: 1.00

D4931-5

Manufactured No

Each

28.0000

D4931-5
Engine Fitting (for B3e models)

DAS
6
9-89

Location

Loc Qty

Loc Code

ST127

28

113899

1

119859

5

20908

22

Each

32.0000

**

MAR 03 2015

D4935-1

Manufactured No

D4935-1
Mounting Bracket

DAS
6
9-89

Location

Loc Qty

Loc Code

prelim

26

119860

26

ST133

6

113900

6

Each

13.0000

**

MAR 03 2015

D4943-1

Manufactured No

D4943-1
Flex Hose

DAS
6
9-89

Location

Loc Qty

Loc Code

ST163

13

119749

5

119750

8

Each

16.0000

**

MAR 03 2015

D4961-041

Manufactured No

D4961-041
Tube Assembly

DAS
6
9-89

Location

Loc Qty

Loc Code

st128

16

113902

1

119861

5

120910

10

MAR 03 2015

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Design ☐											
Doc/Data ☐											
Equip/Tooling ☐											
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Material ☐											
Operator ☐											
Offset/Setup ☐											
Process ☐											
Supplier ☐											
Training ☐											
Transport ☐											
Unapproved ☐											

FAULT CATEGORY												
Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube			General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function			☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence			☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other	

Picklist Print

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Page 5

Work Order ID: 121728

121728

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Required Date: 7/02/14

Start Qty: 1.00

Required Qty: 1.00

D5079-1

Purchased No

Each 30.0000

D5079-1

Placard, EAPS

DAS
6
9-89

Location

ST130

Loc Qty

30

Loc Code

**

DAS
27
9-89

MAR 03 2015

D5090-041

Manufactured No

Each 0.0000

D5090-041

Duct Assembly

DAS
6
9-89

Location

ST130

Loc Qty

30

Loc Code

**

DAS
27
9-89

MAR 03 2015

D5105-1

Manufactured No

Each 44.0000

D5105-1

Handle

DAS
6
9-89

Location

ST132

Loc Qty

44

Loc Code

**

DAS
27
9-89

MAR 03 2015

D5110-1

Manufactured No

Each 0.0000

D5110-1

Swivel Nut Fitting

DAS
6
9-89

Location

ST132

Loc Qty

44

Loc Code

**

DAS
27
9-89

MAR 03 2015

8411999090

Purchased No

Each 0.0000

8411999090

Gasket

9752018044

Purchased No

Each 24.0000

9752018044

Gasket (for B3 models)

DAS
6
9-89

Location

ST390

Loc Qty

24

Loc Code

**

DAS
27
9-89

MAR 03 2015

m128323

9

m129550

15

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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design ☐									
Doc/Data ☐									
Equip/Tooling ☐									
Handling/Pre ☐									
Material ☐									
Operator ☐									
Offset/Setup ☐									
Process ☐									
Supplier ☐									
Training ☐									
Transport ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

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Work Order ID: 121728

121728

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Required Date: 7/02/14

Start Qty: 1.00

Required Qty: 1.00

9945000120

Purchased

No

Each

24.0000

9945000120

Gasket (for B3e models)

DAS
6
9-89

Location

Loc Qty

Loc Code

ST390

24

m128323
m129550

9

15

Each

100.0000

23350CA050

Purchased

No

23350CA050

WASHER

DAS
6
9-89

Location

Loc Qty

Loc Code

ST567

100

100

Each

78.0000

AN3-24A

Purchased

No

AN3-24A

Bolt

DAS
6
9-89

Location

Loc Qty

Loc Code

ST348

50

m129591

50

ST352

28

m128062
m128356

4

24

**

**

**

DAS
27
9-89

MAR 03 2015

DAS
27
9-89

MAR 03 2015

DAS
27
9-89

MAR 03 2015

DAS
26
9-89

DAS
26
9-89

DAS
26
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design ☐									
Doc/Data ☐									
Equip/Tooling ☐									
Handling/Pre ☐									
Material ☐									
Operator ☐									
Offset/Setup ☐									
Process ☐									
Supplier ☐									
Training ☐									
Transport ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Page 7

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Work Order ID: 121728

121728

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Required Date: 7/02/14

Start Qty: 1.00

Required Qty: 1.00

AN3-3A

Purchased No

Each 657.0000

24

DAS

27

DAS

26

9-89

AN3-3A
Bolt

DAS
6
9-89

MAR 02 2015

Location

Loc Qty

Loc Code

ST350

657

m126249

1

m127815

4

m128429

92

m128973

200

m129591

360

AN821-12J

Purchased No

Each

18.0000

DAS

27

DAS

26

9-89

AN821-12J
Elbow (or AN821-12K or 12S)

DAS
6
9-89

MAR 02 2015

Location

Loc Qty

Loc Code

Mezz

4

280

4

ST324

14

m128356

4

m129566

10

MS20470AD3-4

Purchased No

Each

7,597.000

18

DAS

27

DAS

26

9-89

MS20470AD3-4
Rivet, Universal Head

DAS
6
9-89

MAR 02 2015

Location

Loc Qty

Loc Code

ST312

7597

111477

7597

18

July-02-14 9:55:31 AM

Shop Packet Print

Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Page 8

July-02-14 9:55:31 AM

Work Order ID: 121728

121728

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Required Date: 7/02/14

Start Qty: 1.00

Required Qty: 1.00

MS20600-AD4W4

Purchased

No

Each

3,612.000

**

MS20600-AD4W4

Rivets

DAS
6
9-89

Location

Loc Qty

Loc Code

ST310

3612

125577

215

M128429

397

M128899

3000

Each

5,481.000

**

MS21042L3

Purchased

No

MS21042L3

Nut

DAS
6
9-89

Location

Loc Qty

Loc Code

ST307

5481

123900

955

M126333

34

M127410

13

M127831

41

M128401

48

M128754

4390

Each

0.0000

**

MS21919WCH12

Purchased

No

MS21919WCH12

Clamp

DAS
6
9-89

BN1303S8

MS35207-279

Purchased

No

MS35207-279

Screw

DAS
6
9-89

Location

Loc Qty

Loc Code

ST281

632

m128358

232

m129519

100

m129582

300

July-02-14 9:55:31 AM

Shop Packet Print

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DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Page 9

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Work Order ID: 121728

121728

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Required Date: 7/02/14

Start Qty: 1400

Required Qty: 1.00

MS35207-280

Purchased

No

Each

148.0000

2

DAS
27

MAR 02 2015

DAS
26
9-89

MS35207-280

Screw

DAS
6
9-89

Location

Loc Qty

Loc Code

ST282

148

m128356

98

m129591

50

Each

2,968.000

**

DAS
27

MAR 02 2015

DAS
26
9-89

NAS1149C0432R

Purchased

No

NAS1149C0432R

WASHER

DAS
6
9-89

Location

Loc Qty

Loc Code

ST278

2968

119124

6

121255

2

122441

31

m125807

1389

m126221

1540

Each

3,142.000

**

DAS
27

MAR 02 2015

DAS
26
9-89

NAS1149D0332J

Purchased

No

NAS1149D0332J

Washer

DAS
6
9-89

Location

Loc Qty

Loc Code

ST276

3142

m128606

217

m128612

2725

m129624

200

Each

28.0000

**

DAS
27

MAR 02 2015

DAS
26
9-89

NAS43DD3-131

Purchased

No

NAS43DD3-131

Spacer

DAS
6
9-89

Location

Loc Qty

Loc Code

ST271

28

m128057

8

m129519

20

July-02-14 9:55:31 AM

Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Page 10

July-02-14 9:55:31 AM

Work Order ID: 121728

121728

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14

Required Date: 7/02/14

Start Qty: 1.00

Required Qty: 1.00

AN929-12J

Purchased

No

Each

15.0000

AN929-12J

Cap

DAS
27

9-89

DAS
27

9-89

MAR 02 2015

Location

Loc Qty

Loc Code

CA

15

15

in 12959

DAS
6
9-89

July-02-14 9:55:31 AM

Shop Packet Print

Page 10

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Change Record

PAGE 1 OF 1

Part Number: D350-822-011

Description: PA100 PUREAIR SYSTEM

[illegible]

REFERENCE ONLY**5.0 PARTS LIST**

QTY	PART NUMBER	DESCRIPTION
-011		
X	D350-822-011	PA100 PUREAIR SYSTEM
1	QB21304	PUREAIR PANEL ASSY
1	QB21310	TRANSITION DUCT ASSY
1	QB21308	FOD SCREEN ASSY
51	BS4320-A5	WASHER
51	LN9038-05-14	BOLT
5	QD3108-BJ-05-SC	ANCHOR NUT
10	QD3387B3-03	RIVET
1	650.0401/	PUREAIR FAIRING ASSY
1	D4925-041	MOUNTING PLATE ASSY
1	D4931-1	ENGINE FITTING (FOR ACFT MODELS B2 AND PREVIOUS)
1	D4931-3	ENGINE FITTING (FOR B3 MODELS)
1	D4931-5	ENGINE FITTING (FOR B3e MODELS)
6	D4935-1	MOUNTING BRACKET
1	D4943-1	FLEX HOSE
1	D4961-041	TUBE ASSEMBLY
2	D5079-1	PLACARD
1	D5090-041	DUCT ASSEMBLY
2	D5405-1	HANDLE
1	D5110-1	SWIVEL NUT FITTING
1	8411999090	GASKET (FOR B2 MODELS AND PREVIOUS)
1	9752018044	GASKET (FOR B3 MODELS)
1	9945000120	GASKET (FOR B3e MODELS)
2	23350CA050	LOCKING TAB
1	AN3-24A	BOLT
24	AN3-3A	BOLT
1	AN821-12J	ELBOW (OR AN821-12K OR AN821-12S)
18	MS20470AD3-4	RIVET
6	MS20600AD4W4	RIVET
24	MS21042E3	NUTS
1	MS21919WHG12	CLAMP
18	MS35207-279	SCREW
2	MS35207-280	SCREW
20	NAS1149C0432R	WASHER
51	NAS1149D0332J-1	WASHER
1	NAS43DD3-131	SPACER
1	AN929-12J7	CAP



PRODUCTION ACCEPTANCE TEST CERTIFICATE

This is an Electronically controlled document which is maintained with Full Password Access for all users. The "Insp Stamp" column relates to an individual whose password is electronically controlled, a "wet stamp" is therefore no longer required.

Test Unit Desc	Centrisep EAPS	Report No:	AC1042
Drawing No	QB05008	Serial No.	PAS-5160
Part No	QB05008	Batch No.	RD14008142
ECR / Concession No			
Cust Spec	RSB05008	Test Sched	ATPB05008
Test Fluid	Air	Test Set-up	
Rig Or Test No	N/A	Issue	3.02
Comment		Tester	MQC 3105
Insp/Approved By	3105	Assembler	MQC 3105
		Clock No.	
		Date	7/11/2014

	PROCEDURE	REQUIREMENT	RESULT	Pass/Fail
3.1	Check that the label requirements and part marking are in accordance with Sheet 2	Confirm	MQC 3105	PASS
3.2	Check the weight of the unit does not exceed 10kg.	Confirm	8.37kg MQC 3105	PASS
3.3	Check that proof pressure test has been carried out.	Confirm	MQC 3105	PASS
3.4	Check that manifold crack detect test has been performed.	Confirm	MQC 3105	PASS
3.5	Check FOD screen mesh is intact with no broken mesh strands or irregular deformation.	Confirm	MQC 3105	PASS
3.6	Check FOD screen receptacles are secure with no movement under finger pressure.	Confirm	MQC 3105	PASS
3.7	Check FOD screen fits securely to receptacle plate and all 4 off studs engage positively with their corresponding receptacles.	Confirm	MQC 3105	PASS
3.8	Check retaining washer has been added to 4 off quarter turn studs.	Confirm	MQC 3105	PASS
3.9	Check manifold port thread engagement. Ensure protective cap is fitted.	Confirm	MQC 3105	PASS
4.0	Check electrical bonding resistance is equal to or less than 100 milliohms.	Confirm	MQC 3105 72mΩ	PASS
4.1	Check overall unit cleanliness.	Confirm	MQC 3105	PASS
4.1 a	Check there are no material imperfections or foreign matter embedded.	Confirm	MQC 3105	PASS
4.1 b	Check surface for unclean, rough, misaligned or containing cracks, nicks or other flaws.	Confirm	MQC 3105	PASS
4.1 c	Check for any components that are missing, malformed, fractured or	Confirm	MQC 3105	PASS

	otherwise damaged.			
4.1 d	Check for any components that are loose or otherwise not securely retained.	Confirm	MQC 3105	PASS
4.1 e	Check for incorrect assembling or improper positioning of components.	Confirm	MQC 3105	PASS
4.1 f	Check for faulty workmanship or other irregularities e.g. Marking. Check for missing, insufficient, incorrect, illegible or non permanent text.	Confirm	MQC 3105	PASS
4.1 g	Check to ensure all components are installed and secured in accordance with drawing instructions.	Confirm	MQC 3105	PASS
4.1 h	Check that unit is free from all foreign objects: e.g. Swarf and rivet tails. Ensure unit is properly painted and is in a clean condition. Visually check unit for workmanship, no damage is permissible.	Confirm	MQC 3105	PASS
	PASS/ FAIL			
RESULTS OF TEST :- PASS FINAL INSPECTION APPROVAL :- MQC 3105				



PRODUCTION ACCEPTANCE TEST CERTIFICATE

This is an Electronically controlled document which is maintained with Full Password Access for all users. The "Insp Stamp" column relates to an individual whose password is electronically controlled, a "wet stamp" is therefore no longer required.

Test Unit Desc Centrisep EAPS Report No: **AC1042**
Drawing No QB05008 Issue **Z** Serial No. **PAS-5160**
Part No QB05008 Amdnt Batch No. **RD14008142**
ECR / Concession No
Cust Spec RSB05008 Test Sched ATPB05008 Issue 3.02
Test Fluid Air Test Set-up Issue
Rig Or Test No **N/A**
Comment
Insp/Approved By **3105** Assembler **MQC 3105** Tester **MQC 3105**
Clock No. Date **7/7/2014**

	PROCEDURE	REQUIREMENT	RESULT	Pass/Fail
3.1	Check that the label requirements and part marking are in accordance with Sheet 2	Confirm	MQC 3105	PASS
3.2	Check the weight of the unit does not exceed 10kg.	Confirm	8.37kg MQC 3105	PASS
3.3	Check that proof pressure test has been carried out.	Confirm	MQC 3105	PASS
3.4	Check that manifold crack detect test has been performed.	Confirm	MQC 3105	PASS
3.5	Check FOD screen mesh is intact with no broken mesh strands or irregular deformation.	Confirm	MQC 3105	PASS
3.6	Check FOD screen receptacles are secure with no movement under finger pressure.	Confirm	MQC 3105	PASS
3.7	Check FOD screen fits securely to receptacle plate and all 4 off studs engage positively with their corresponding receptacles.	Confirm	MQC 3105	PASS
3.8	Check retaining washer has been added to 4 off quarter turn studs.	Confirm	MQC 3105	PASS
3.9	Check manifold port thread engagement. Ensure protective cap is fitted.	Confirm	MQC 3105	PASS
4.0	Check electrical bonding resistance is equal to or less than 100 milliohms.	Confirm	MQC 3105 72mΩ	PASS
4.1	Check overall unit cleanliness.	Confirm	MQC 3105	PASS
4.1 a	Check there are no material imperfections or foreign matter embedded.	Confirm	MQC 3105	PASS
4.1 b	Check surface for unclean, rough, misaligned or containing cracks, nicks or other flaws.	Confirm	MQC 3105	PASS
4.1 c	Check for any components that are missing, malformed, fractured or	Confirm	MQC 3105	PASS

	otherwise damaged.			
4.1 d	Check for any components that are loose or otherwise not securely retained.	Confirm	MQC 3105	PASS
4.1 e	Check for incorrect assembling or improper positioning of components.	Confirm	MQC 3105	PASS
4.1 f	Check for faulty workmanship or other irregularities e.g. Marking. Check for missing, insufficient, incorrect, illegible or non permanent text.	Confirm	MQC 3105	PASS
4.1 g	Check to ensure all components are installed and secured in accordance with drawing instructions.	Confirm	MQC 3105	PASS
4.1 h	Check that unit is free from all foreign objects: e.g. Swarf and rivet tails. Ensure unit is properly painted and is in a clean condition. Visually check unit for workmanship, no damage is permissible.	Confirm	MQC 3105	PASS
	PASS/ FAIL			
RESULTS OF TEST :- PASS FINAL INSPECTION APPROVAL :- MQC 3105				

